This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims: Please <u>amend</u> the claims as follows:

We claim:

Claim 1. (Withdrawn) A DNA molecule encoding an allergen having the properties of Lol p 4, corresponding to a nucleotide sequence selected from one of the sequences in accordance with SEQ ID NO 1 and 3.

Claim 2. (Withdrawn) A DNA molecule which hybridises with a DNA molecule according to Claim 1 under stringent conditions and originates from DNA sequences from *Poaceae* species.

Claim 3. (Withdrawn) A DNA molecule, encoding a polypeptide, which cross-reacts immunologically with the major allergen Lol p 4 from *Lolium perenne* and originates from DNA sequences from *Poaceae* species.

Claim 4. (Withdrawn) A DNA molecule, corresponding to a partial sequence or a combination of partial sequences according to Claim 1, which encodes an immunomodulatory, T-cell-reactive fragment of a group 4 allergen from the *Poaceae*.

Claim 5. (Withdrawn) A DNA molecule, corresponding to a nucleotide sequence according to Claim 1, encoding an immunomodulatory T-cell-reactive fragment, characterised in that said nucleotide sequence has been specifically modified by specific mutation of individual codons, elimination or addition.

Claim 6. (Withdrawn) A DNA molecule according to Claim 5, characterised in that the said mutation results in the replacement of one, a plurality of or all cysteines of the corresponding polypeptide with another amino acid.

Claim 7. (Withdrawn) A recombinant DNA expression vector or a cloning system comprising a DNA molecule according to Claim 1, functionally linked to an expression control sequence.

Claim 8. (Withdrawn) A host organism transformed with a DNA molecule according to

Claim 1 or an expression vector comprising it.

Claim 9. (Withdrawn) A process for the preparation of a polypeptide encoded by a DNA sequence according to Claim 1 by cultivation of a host organism and isolation of the corresponding polypeptide from the culture.

Claim 10. (Previously Presented) A polypeptide which is encoded by a polynucleotide which comprises the sequence set forth in SEQ ID NO: 1 or SEQ ID NO: 3.

Claim 11. (Previously Presented) A medicament which comprises a polypeptide according to claim 10 and an excipient or adjuvant.

Claim 12. (Previously Presented) A pharmaceutical composition comprising at least one polypeptide according to Claim 10 and a pharmaceutically acceptable carrier.

Claim 13. (Withdrawn) A method for the diagnosis, treatment, or prevention of an allergy which is triggered by group 4 allergens from *Poaceae,* comprising administering to a subject in need thereof at least one polypeptide according to Claim 10.

Claim 14. (Withdrawn) A DNA molecule according to Claim 1 as medicament.

Claim 15. (Withdrawn) A recombinant expression vector according to Claim 7 as medicament.

Claim 16. (Withdrawn) A pharmaceutical composition comprising at least one DNA molecule according to Claim 14 or at least one expression vector comprising it and optionally further active ingredients and/or adjuvants for the immunotherapeutic DNA vaccination of patients with allergies in the triggering of which group 4 allergens from the *Poaceae* are involved and/or for the prevention of such allergies.

Claim 17. (Withdrawn) Use of at least one DNA molecule according to Claim 14 or at least one expression vector comprising it for the immunotherapeutic DNA vaccination of patients with allergies in the triggering of which group 4 allergens from the *Poaceae* are involved and/or for the prevention of such allergies.

Claim 18. (Previously Presented) The polypeptide according to claim 10, which is a recombinant polypeptide.

Claim 19. (Currently Amended) ~~The polypeptide according to claim 10, which is an~~ <u>An</u> isolated polypeptide <u>which is encoded by a polynucleotide which comprises the sequence set forth in SEQ ID NO: 1 or SEQ ID NO: 3</u>.